

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-30693
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name Ute Indian Tribe
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. Hill Creek Unit
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134		8. Lease Name and Well No. HCU 16-31F
3b. Phone No. (include area code) 405-749-5263		9. API Well No. 4304738450
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 1,485' FSL & 123' FEL, NE/4 SE/4, At proposed prod. zone 660' FSL & 660' FEL, SE/4 SE/4,		10. Field and Pool, or Exploratory Natural Buttes
14. Distance in miles and direction from nearest town or post office* 13.2 miles south of Ouray, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Section 31, T10S, R20E, SLB&M
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 123'	16. No. of acres in lease 1,323.35 acres	17. Spacing Unit dedicated to this well 40 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 25'	19. Proposed Depth 8,050'	20. BLM/BIA Bond No. on file WY 3322
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,327' GR	22. Approximate date work will start* 09/01/2006	23. Estimated duration 14 days
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature <i>Don Hamilton</i>	Name (Printed/Typed) Don Hamilton	Date 08/04/2006
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Title
Agent for Dominion

Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 08-21-06
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Title
Off ENVIRONMENTAL MANAGER

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

Federal Approval of this
Action Is Necessary

CONFIDENTIAL

Sum
611330X
441700Y
31.9000Z
101.2.7.100

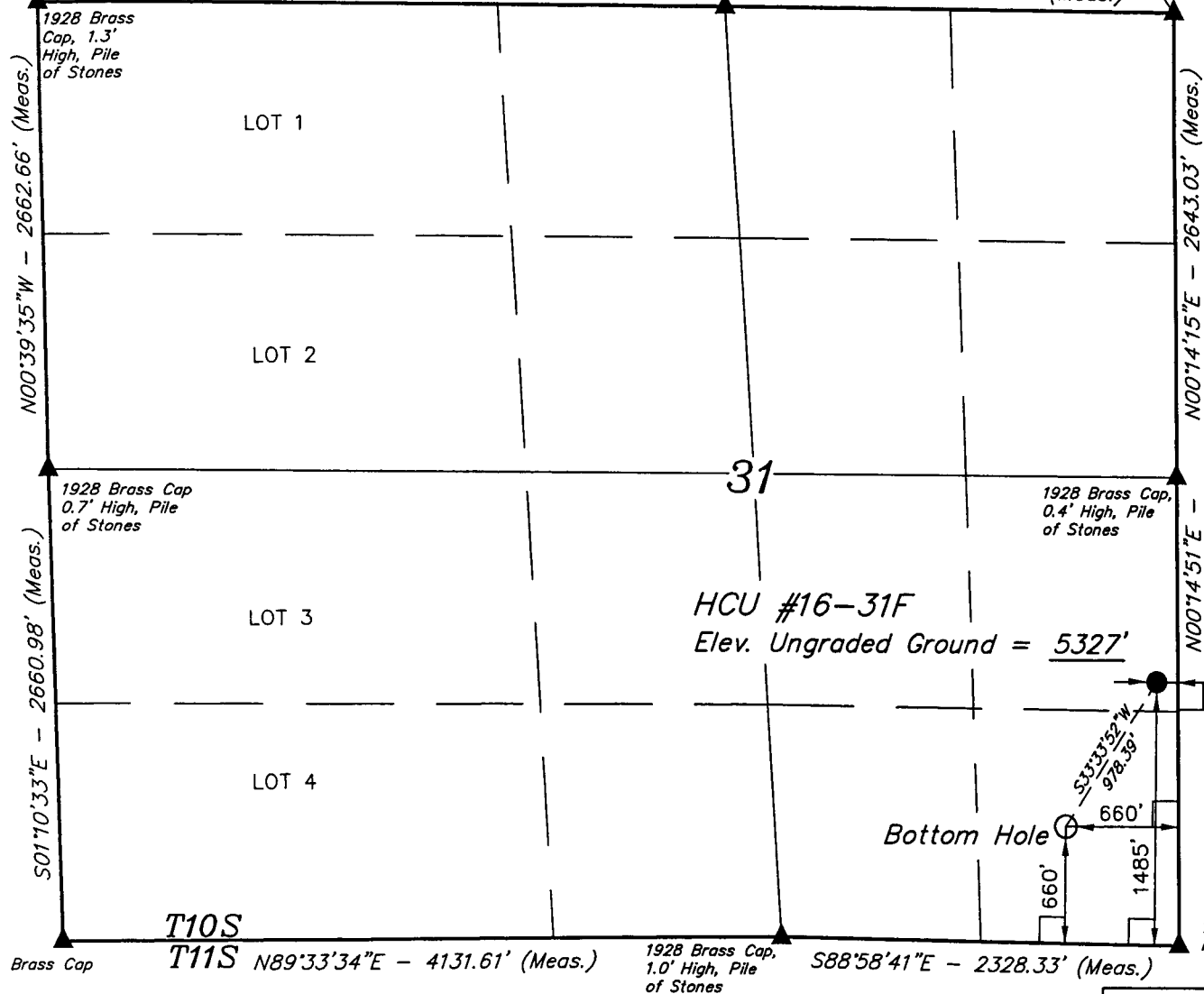
611330X
441700Y
31.9000Z
101.2.7.100

R
19
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T10S, R20E, S.L.B.&M.

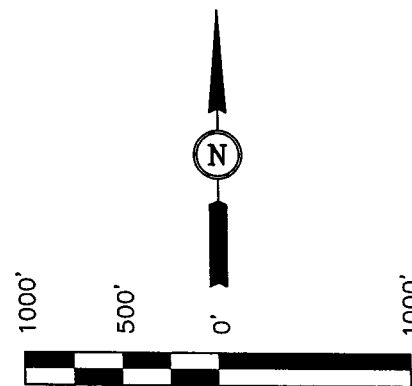
DOMINION EXPLR. & PROD., INC.

Well location, HCU #16-31F, located as shown in the NE 1/4 SE 1/4 of Section 31, T10S, R20E, S.L.B.&M. Uintah County, Utah.



BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 29, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert H. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)

LATITUDE = 39°54'01.51" (39.900419)

LONGITUDE = 109°41'54.32" (109.698422)

(NAD 27)

LATITUDE = 39°54'01.64" (39.900456)

LONGITUDE = 109°41'51.83" (109.697731)

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 8-31-05	DATE DRAWN: 9-16-05
PARTY B.B. B.C. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE DOMINION EXPLR. & PROD., INC.	

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

August 17, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2006 Plan of Development Hill Creek Unit Uintah County,
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2006 within the Hill Creek Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ MesaVerde)		
43-047-38450	HCU 16-31F Sec 31 T10S R20E 1485	FSL 0123 FEL
	BHL Sec 31 T10S R20E 0660	FSL 0660 FEL

This office has no objections to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File – Hill Creek Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:8-17-06

August 4, 2006

Fluid Minerals Group
Bureau of Land Management
Vernal Field Office
170 South 500 East
Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.

HCU 16-31F:

Surface Location: 1,485' FSL & 123' FEL, NE/4 SE/4,

Target Location: 660' FSL & 660' FEL, SE/4 SE/4,

Section 31, T10S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced BLM administered directional well. A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Don Hamilton
Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining
Carla Christian, Dominion
Ken Secrest, Dominion

AUG 21 2006

ORIGINAL

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: HCU 16-31F
SHL: 1485' FSL & 123' FEL Section 31-10S-20E
BHL: 660' FSL & 660' FEL Section 31-10S-20E
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,775'
Uteland Limestone	4,120'
Wasatch	4,270'
Chapita Wells	5,170'
Uteland Buttes	6,370'
Mesaverde	7,145'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,775'	Oil
Uteland Limestone	4,120'	Oil
Wasatch	4,270'	Gas
Chapita Wells	5,170'	Gas
Uteland Buttes	6,370'	Gas
Mesaverde	7,145'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0'	2,800'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,050'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

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DRILLING PLAN

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1. Annular BOP	1,500 psi
2. Ram type BOP	3,000 psi
3. Kill line valves	3,000 psi
4. Choke line valves and choke manifold valves	3,000 psi
5. Chokes	3,000 psi
6. Casing, casinghead & weld	1,500 psi
7. Upper kelly cock and safety valve	3,000 psi
8. Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' – 500'	8.4	Air foam mist, no pressure control
500' – 2,800'	8.6	Fresh water, rotating head and diverter
2,800' – 8,050'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500–2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H₂S gas.

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

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DRILLING PLAN

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

a. Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary.

b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 2,800'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	300	0'-2,000'	11.0 ppg	3.82 CFS	644 CF	1,128 CF
Tail	390	2,000'-2,800'	15.6 ppg	1.18 CFS	251 CF	439 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.
Water requirement: 22.95 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.
Pump Time: 1 hr. 5 min. @ 90 °F.
Compressives @ 95 °F: 24 Hour is 4,700 psi

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,050'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	60	3,470'-4,270'	11.5 ppg	3.12 CFS	139 CF	187 CF
Tail	540	4,270'-8,050'	13.0 ppg	1.75 CFS	700 CF	945 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.
Water requirement: 17.71 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.
Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.
Water requirement: 9.09 gal/sack
Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: September 1, 2006
Duration: 14 Days

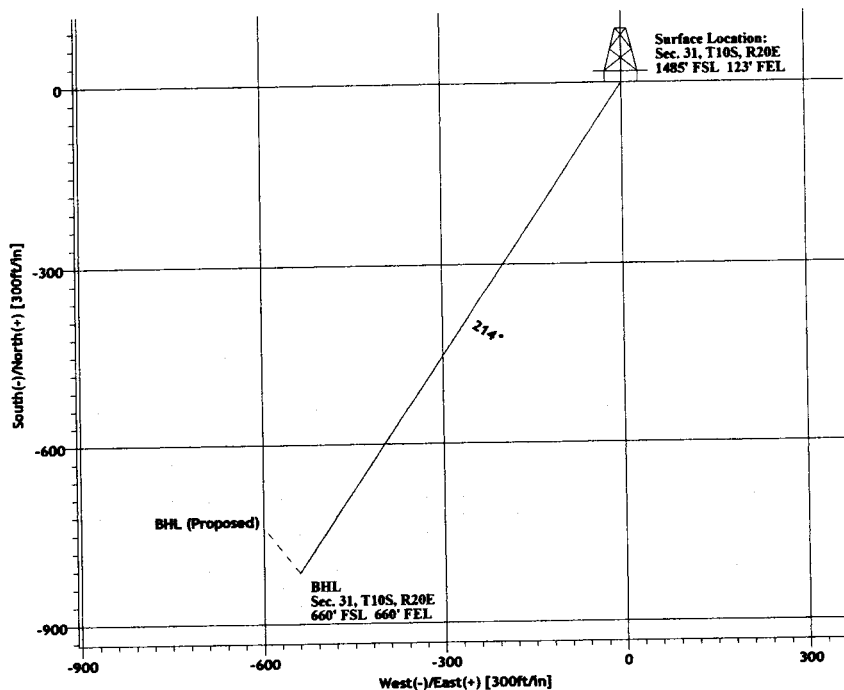
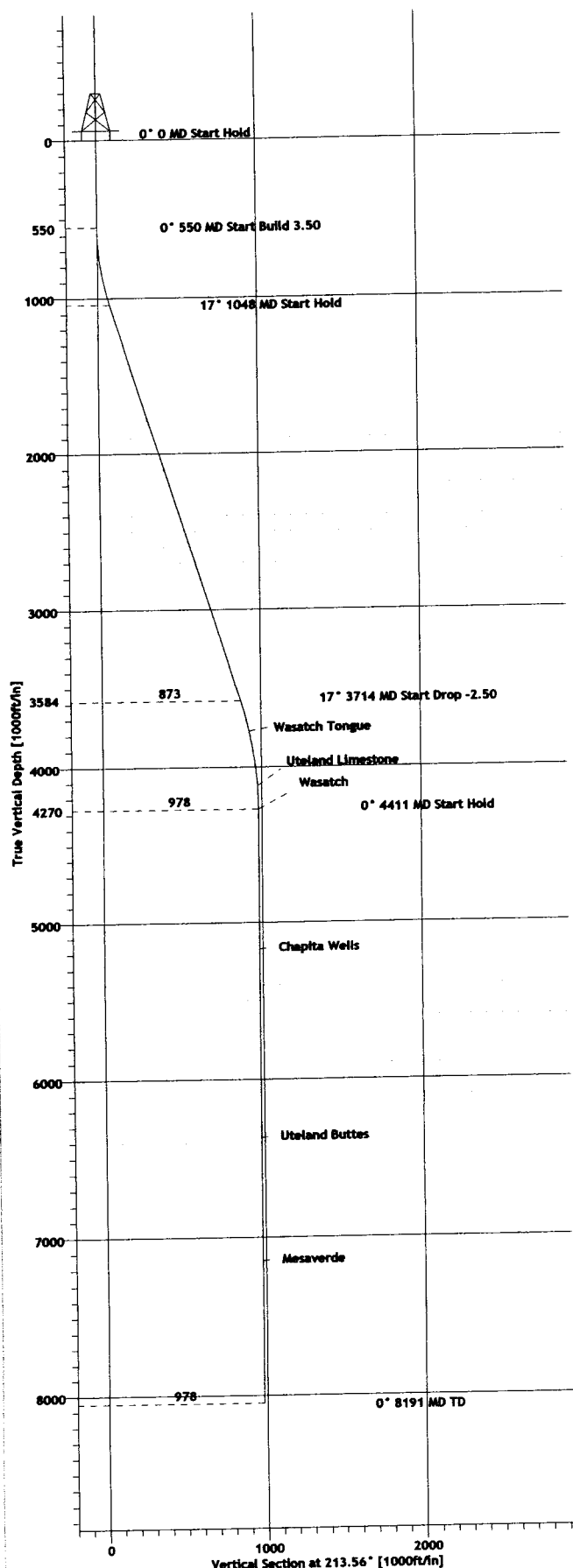
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Plan #1

Dominion E & P

Well: HCU 16-31F
Field: Hill Creek Unit
Uintah Co. Utah
Sec. 31, T10S, R20E



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	213.56	0.00	0.00	0.00	0.00	0.00	0.00	
2	550.00	0.00	213.56	550.00	0.00	0.00	0.00	213.56	0.00	
3	1047.74	17.42	213.56	1040.11	-62.57	-41.51	3.50	213.56	75.09	
4	3713.77	17.42	213.56	3583.85	-727.66	-482.81	0.00	0.00	873.27	
5	4410.61	0.00	213.56	4270.00	-815.26	-540.93	2.50	180.00	978.39	
6	8190.61	0.00	213.56	8050.00	-815.26	-540.93	0.00	213.56	978.39	

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
HCU 16-31F	0.00	0.00	7137555.91	2145803.85	39°54'01.510N	109°41'54.320W	N/A

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	3775.00	3911.68	Wasatch Tongue
2	4120.00	4260.50	Uteland Limestone
3	4270.00	4410.61	Wasatch
4	5170.00	5310.61	Chapita Wells
5	6370.00	6510.61	Uteland Buttes
6	7145.00	7285.61	Mesaverde

WELLPATH DETAILS

1			
Rig:	est.KB @ 5335'		0.00ft
Ref. Datum:			
V. Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
213.56°	0.00	0.00	0.00

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Site Centre HCU 16-31F, True North
Vertical (TVD) Reference: est.KB @ 5335' 0.00
Section (VS) Reference: Site Centre (0.00N,0.00E)
Measured Depth Reference: est.KB @ 5335' 0.00
Calculation Method: Minimum Curvature



Azimuths to True North
Magnetic North: 11.84°

Magnetic Field
Strength: 52847nT
Dip Angle: 65.89°
Date: 12/16/2005
Model: igr2005

FIELD DETAILS

Natural Buttes Field
Uintah County, Utah
USA

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: igr2005

System Datum: Mean Sea Level
Local North: True North

SITE DETAILS

HCU 16-31F
Hill Creek Unit
Sec. 31, T10S, R20E

Site Centre Latitude: 39°54'01.510N
Longitude: 109°41'54.320W

Ground Level: 5318.00
Positional Uncertainty: 0.00
Convergence: 1.15

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Ryan Energy Technologies Planning Report



Company: Dominion E & P Date: 12/16/2005 Time: 11:08:31 Page: 1
 Field: Natural Buttes Field Co-ordinate(NE) Reference: HCU 16-31F, True North
 Site: HCU 16-31F Vertical (TVD) Reference: est.KB @ 5335' 0.0
 Well: HCU 16-31F Section (VS) Reference: Site (0.00N,0.00E,213.56Azi)
 Wellpath: 1 Plan: Plan #1

Field: Natural Buttes Field
 Uintah County, Utah
 USA
 Map System: US State Plane Coordinate System 1983
 Geo Datum: GRS 1980
 Sys Datum: Mean Sea Level
 Map Zone: Utah, Central Zone
 Coordinate System: Site Centre
 Geomagnetic Model: igrf2005

Site: HCU 16-31F
 Hill Creek Unit
 Sec. 31, T10S, R20E
 Site Position: Northing: 7137555.91 ft Latitude: 39 54 1.510 N
 From: Geographic Easting: 2145803.85 ft Longitude: 109 41 54.320 W
 Position Uncertainty: 0.00 ft North Reference: True
 Ground Level: 5318.00 ft Grid Convergence: 1.15 deg

Well: HCU 16-31F Slot Name:
 Surface Position: +N/-S 0.00 ft Northing: 7137555.91 ft Latitude: 39 54 1.510 N
 +E/-W 0.00 ft Easting: 2145803.85 ft Longitude: 109 41 54.320 W
 Position Uncertainty: 0.00 ft
 Reference Point: +N/-S 0.00 ft Northing: 7137555.91 ft Latitude: 39 54 1.510 N
 +E/-W 0.00 ft Easting: 2145803.85 ft Longitude: 109 41 54.320 W
 Measured Depth: 0.00 ft Inclination: 0.00 deg
 Vertical Depth: 0.00 ft Azimuth: 0.00 deg

Wellpath: 1
 Current Datum: est.KB @ 5335' Height 0.00 ft
 Magnetic Data: 12/16/2005
 Field Strength: 52847 nT
 Vertical Section: Depth From (TVD) +N/-S
 ft ft
 0.00 0.00 0.00 213.56

Plan: Plan #1 Date Composed: 12/16/2005
 Principal: Yes Version: 1
 Tied-to: From Well Ref. Point

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	213.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	213.56	550.00	0.00	0.00	0.00	0.00	0.00	213.56	
1047.74	17.42	213.56	1040.11	-62.57	-41.51	3.50	3.50	0.00	213.56	
3713.77	17.42	213.56	3583.85	-727.66	-482.81	0.00	0.00	0.00	0.00	
4410.61	0.00	213.56	4270.00	-815.26	-540.93	2.50	-2.50	0.00	180.00	
8190.61	0.00	213.56	8050.00	-815.26	-540.93	0.00	0.00	0.00	213.56	

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	213.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	213.56	100.00	0.00	0.00	0.00	0.00	0.00	0.00	213.56
200.00	0.00	213.56	200.00	0.00	0.00	0.00	0.00	0.00	0.00	213.56
300.00	0.00	213.56	300.00	0.00	0.00	0.00	0.00	0.00	0.00	213.56
400.00	0.00	213.56	400.00	0.00	0.00	0.00	0.00	0.00	0.00	213.56
500.00	0.00	213.56	500.00	0.00	0.00	0.00	0.00	0.00	0.00	213.56
550.00	0.00	213.56	550.00	0.00	0.00	0.00	0.00	0.00	0.00	213.56

Section 2 : Start Build 3.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
600.00	1.75	213.56	599.99	-0.64	-0.42	0.76	3.50	3.50	0.00	0.00
700.00	5.25	213.56	699.79	-5.72	-3.80	6.87	3.50	3.50	0.00	0.00

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Ryan Energy Technologies Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: HCU 16-31F
Well: HCU 16-31F
Wellpath: 1

Date: 12/16/2005 Time: 11:08:31
Co-ordinate(NE) Reference: HCU 16-31F, True North
Vertical (TVD) Reference: KB @ 5335' 0.0
Section (VS) Reference: Site (0.00N,0.00E,213.56Azi)
Plan: Plan #1

Page: 2

Section 2 : Start Build 3.50

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
800.00	8.75	213.56	799.03	-15.88	-10.53	19.05	3.50	3.50	0.00	0.00
900.00	12.25	213.56	897.34	-31.06	-20.61	37.27	3.50	3.50	0.00	0.00
1000.00	15.75	213.56	994.35	-51.21	-33.98	61.46	3.50	3.50	0.00	0.00
1047.74	17.42	213.56	1040.11	-62.57	-41.51	75.09	3.50	3.50	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1100.00	17.42	213.56	1089.97	-75.61	-50.16	90.73	0.00	0.00	0.00	0.00
1200.00	17.42	213.56	1185.38	-100.55	-66.72	120.67	0.00	0.00	0.00	0.00
1300.00	17.42	213.56	1280.80	-125.50	-83.27	150.61	0.00	0.00	0.00	0.00
1400.00	17.42	213.56	1376.21	-150.45	-99.82	180.55	0.00	0.00	0.00	0.00
1500.00	17.42	213.56	1471.62	-175.39	-116.37	210.49	0.00	0.00	0.00	0.00
1600.00	17.42	213.56	1567.03	-200.34	-132.93	240.43	0.00	0.00	0.00	0.00
1700.00	17.42	213.56	1662.45	-225.29	-149.48	270.37	0.00	0.00	0.00	0.00
1800.00	17.42	213.56	1757.86	-250.23	-166.03	300.31	0.00	0.00	0.00	0.00
1900.00	17.42	213.56	1853.27	-275.18	-182.58	330.25	0.00	0.00	0.00	0.00
2000.00	17.42	213.56	1948.69	-300.13	-199.14	360.18	0.00	0.00	0.00	0.00
2100.00	17.42	213.56	2044.10	-325.08	-215.69	390.12	0.00	0.00	0.00	0.00
2200.00	17.42	213.56	2139.51	-350.02	-232.24	420.06	0.00	0.00	0.00	0.00
2300.00	17.42	213.56	2234.93	-374.97	-248.79	450.00	0.00	0.00	0.00	0.00
2400.00	17.42	213.56	2330.34	-399.92	-265.35	479.94	0.00	0.00	0.00	0.00
2500.00	17.42	213.56	2425.75	-424.86	-281.90	509.88	0.00	0.00	0.00	0.00
2600.00	17.42	213.56	2521.17	-449.81	-298.45	539.82	0.00	0.00	0.00	0.00
2700.00	17.42	213.56	2616.58	-474.76	-315.00	569.76	0.00	0.00	0.00	0.00
2800.00	17.42	213.56	2711.99	-499.71	-331.56	599.70	0.00	0.00	0.00	0.00
2900.00	17.42	213.56	2807.40	-524.65	-348.11	629.64	0.00	0.00	0.00	0.00
3000.00	17.42	213.56	2902.82	-549.60	-364.66	659.57	0.00	0.00	0.00	0.00
3100.00	17.42	213.56	2998.23	-574.55	-381.21	689.51	0.00	0.00	0.00	0.00
3200.00	17.42	213.56	3093.64	-599.49	-397.77	719.45	0.00	0.00	0.00	0.00
3300.00	17.42	213.56	3189.06	-624.44	-414.32	749.39	0.00	0.00	0.00	0.00
3400.00	17.42	213.56	3284.47	-649.39	-430.87	779.33	0.00	0.00	0.00	0.00
3500.00	17.42	213.56	3379.88	-674.33	-447.42	809.27	0.00	0.00	0.00	0.00
3600.00	17.42	213.56	3475.30	-699.28	-463.98	839.21	0.00	0.00	0.00	0.00
3700.00	17.42	213.56	3570.71	-724.23	-480.53	869.15	0.00	0.00	0.00	0.00
3713.77	17.42	213.56	3583.85	-727.66	-482.81	873.27	0.00	0.00	0.00	0.00

Section 4 : Start Drop -2.50

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3800.00	15.27	213.56	3666.59	-747.88	-496.22	897.53	2.50	-2.50	0.00	180.00
3900.00	12.77	213.56	3763.60	-768.06	-509.61	921.75	2.50	-2.50	0.00	-180.00
3911.68	12.47	213.56	3775.00	-770.18	-511.02	924.30	2.50	-2.50	0.00	180.00
4000.00	10.27	213.56	3861.58	-784.69	-520.65	941.71	2.50	-2.50	0.00	180.00
4100.00	7.77	213.56	3960.34	-797.75	-529.31	957.38	2.50	-2.50	0.00	180.00
4200.00	5.27	213.56	4059.69	-807.20	-535.58	968.72	2.50	-2.50	0.00	180.00
4260.50	3.75	213.56	4120.00	-811.17	-538.21	973.48	2.50	-2.50	0.00	180.00
4300.00	2.77	213.56	4159.43	-813.04	-539.45	975.73	2.50	-2.50	0.00	-180.00
4400.00	0.27	213.56	4259.39	-815.24	-540.92	978.37	2.50	-2.50	0.00	180.00
4410.61	0.00	213.56	4270.00	-815.26	-540.93	978.39	2.50	-2.50	0.00	-180.00

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4500.00	0.00	213.56	4359.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
4600.00	0.00	213.56	4459.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
4700.00	0.00	213.56	4559.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
4800.00	0.00	213.56	4659.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
4900.00	0.00	213.56	4759.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
5000.00	0.00	213.56	4859.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
5100.00	0.00	213.56	4959.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56

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Ryan Energy Technologies Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: HCU 16-31F
Well: HCU 16-31F
Wellpath: 1

Date: 12/16/2005 Time: 11:08:31
Co-ordinate(NE) Reference: HCU 16-31F, True North
Vertical (TVD) Reference: KB @ 5335' 0.0
Section (VS) Reference: Site (0.00N,0.00E,213.56Azi)
Plan: Plan #1

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Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5200.00	0.00	213.56	5059.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
5300.00	0.00	213.56	5159.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
5310.61	0.00	213.56	5170.00	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
5400.00	0.00	213.56	5259.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
5500.00	0.00	213.56	5359.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
5600.00	0.00	213.56	5459.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
5700.00	0.00	213.56	5559.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
5800.00	0.00	213.56	5659.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
5900.00	0.00	213.56	5759.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
6000.00	0.00	213.56	5859.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
6100.00	0.00	213.56	5959.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
6200.00	0.00	213.56	6059.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
6300.00	0.00	213.56	6159.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
6400.00	0.00	213.56	6259.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
6500.00	0.00	213.56	6359.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
6510.61	0.00	213.56	6370.00	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
6600.00	0.00	213.56	6459.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
6700.00	0.00	213.56	6559.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
6800.00	0.00	213.56	6659.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
6900.00	0.00	213.56	6759.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
7000.00	0.00	213.56	6859.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
7100.00	0.00	213.56	6959.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
7200.00	0.00	213.56	7059.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
7285.61	0.00	213.56	7145.00	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
7300.00	0.00	213.56	7159.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
7400.00	0.00	213.56	7259.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
7500.00	0.00	213.56	7359.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
7600.00	0.00	213.56	7459.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
7700.00	0.00	213.56	7559.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
7800.00	0.00	213.56	7659.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
7900.00	0.00	213.56	7759.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
8000.00	0.00	213.56	7859.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
8100.00	0.00	213.56	7959.39	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56
8190.61	0.00	213.56	8050.00	-815.26	-540.93	978.39	0.00	0.00	0.00	213.56

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	213.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	213.56	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	213.56	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	213.56	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	213.56	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	213.56	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	213.56	550.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
600.00	1.75	213.56	599.99	-0.64	-0.42	0.76	3.50	3.50	0.00	
700.00	5.25	213.56	699.79	-5.72	-3.80	6.87	3.50	3.50	0.00	
800.00	8.75	213.56	799.03	-15.88	-10.53	19.05	3.50	3.50	0.00	
900.00	12.25	213.56	897.34	-31.06	-20.61	37.27	3.50	3.50	0.00	
1000.00	15.75	213.56	994.35	-51.21	-33.98	61.46	3.50	3.50	0.00	
1047.74	17.42	213.56	1040.11	-62.57	-41.51	75.09	3.50	3.50	0.00	
1100.00	17.42	213.56	1089.97	-75.61	-50.16	90.73	0.00	0.00	0.00	
1200.00	17.42	213.56	1185.38	-100.55	-66.72	120.67	0.00	0.00	0.00	
1300.00	17.42	213.56	1280.80	-125.50	-83.27	150.61	0.00	0.00	0.00	
1400.00	17.42	213.56	1376.21	-150.45	-99.82	180.55	0.00	0.00	0.00	
1500.00	17.42	213.56	1471.62	-175.39	-116.37	210.49	0.00	0.00	0.00	
1600.00	17.42	213.56	1567.03	-200.34	-132.93	240.43	0.00	0.00	0.00	
1700.00	17.42	213.56	1662.45	-225.29	-149.48	270.37	0.00	0.00	0.00	
1800.00	17.42	213.56	1757.86	-250.23	-166.03	300.31	0.00	0.00	0.00	

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Ryan Energy Technologies Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: HCU 16-31F
Well: HCU 16-31F
Wellpath: 1

Date: 12/16/2005 Time: 11:08:31
Co-ordinate(NE) Reference: HCU 16-31F, True North
Vertical (TVD) Reference: KB @ 5335' 0.0
Section (VS) Reference: Site (0.00N,0.00E,213.56Azi)
Plan: Plan #1

Page: 4

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1900.00	17.42	213.56	1853.27	-275.18	-182.58	330.25	0.00	0.00	0.00	
2000.00	17.42	213.56	1948.69	-300.13	-199.14	360.18	0.00	0.00	0.00	
2100.00	17.42	213.56	2044.10	-325.08	-215.69	390.12	0.00	0.00	0.00	
2200.00	17.42	213.56	2139.51	-350.02	-232.24	420.06	0.00	0.00	0.00	
2300.00	17.42	213.56	2234.93	-374.97	-248.79	450.00	0.00	0.00	0.00	
2400.00	17.42	213.56	2330.34	-399.92	-265.35	479.94	0.00	0.00	0.00	
2500.00	17.42	213.56	2425.75	-424.86	-281.90	509.88	0.00	0.00	0.00	
2600.00	17.42	213.56	2521.17	-449.81	-298.45	539.82	0.00	0.00	0.00	
2700.00	17.42	213.56	2616.58	-474.76	-315.00	569.76	0.00	0.00	0.00	
2800.00	17.42	213.56	2711.99	-499.71	-331.56	599.70	0.00	0.00	0.00	
2900.00	17.42	213.56	2807.40	-524.65	-348.11	629.64	0.00	0.00	0.00	
3000.00	17.42	213.56	2902.82	-549.60	-364.66	659.57	0.00	0.00	0.00	
3100.00	17.42	213.56	2998.23	-574.55	-381.21	689.51	0.00	0.00	0.00	
3200.00	17.42	213.56	3093.64	-599.49	-397.77	719.45	0.00	0.00	0.00	
3300.00	17.42	213.56	3189.06	-624.44	-414.32	749.39	0.00	0.00	0.00	
3400.00	17.42	213.56	3284.47	-649.39	-430.87	779.33	0.00	0.00	0.00	
3500.00	17.42	213.56	3379.88	-674.33	-447.42	809.27	0.00	0.00	0.00	
3600.00	17.42	213.56	3475.30	-699.28	-463.98	839.21	0.00	0.00	0.00	
3700.00	17.42	213.56	3570.71	-724.23	-480.53	869.15	0.00	0.00	0.00	
3713.77	17.42	213.56	3583.85	-727.66	-482.81	873.27	0.00	0.00	0.00	
3800.00	15.27	213.56	3666.59	-747.88	-496.22	897.53	2.50	-2.50	0.00	
3900.00	12.77	213.56	3763.60	-768.06	-509.61	921.75	2.50	-2.50	0.00	
3911.68	12.47	213.56	3775.00	-770.18	-511.02	924.30	2.50	-2.50	0.00	Wasatch Tongue
4000.00	10.27	213.56	3861.58	-784.69	-520.65	941.71	2.50	-2.50	0.00	
4100.00	7.77	213.56	3960.34	-797.75	-529.31	957.38	2.50	-2.50	0.00	
4200.00	5.27	213.56	4059.69	-807.20	-535.58	968.72	2.50	-2.50	0.00	
4260.50	3.75	213.56	4120.00	-811.17	-538.21	973.48	2.50	-2.50	0.00	Uteland Limestone
4300.00	2.77	213.56	4159.43	-813.04	-539.45	975.73	2.50	-2.50	0.00	
4400.00	0.27	213.56	4259.39	-815.24	-540.92	978.37	2.50	-2.50	0.00	
4410.61	0.00	213.56	4270.00	-815.26	-540.93	978.39	2.50	-2.50	0.00	Wasatch
4500.00	0.00	213.56	4359.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
4600.00	0.00	213.56	4459.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
4700.00	0.00	213.56	4559.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
4800.00	0.00	213.56	4659.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
4900.00	0.00	213.56	4759.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
5000.00	0.00	213.56	4859.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
5100.00	0.00	213.56	4959.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
5200.00	0.00	213.56	5059.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
5300.00	0.00	213.56	5159.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
5310.61	0.00	213.56	5170.00	-815.26	-540.93	978.39	0.00	0.00	0.00	Chapita Wells
5400.00	0.00	213.56	5259.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
5500.00	0.00	213.56	5359.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
5600.00	0.00	213.56	5459.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
5700.00	0.00	213.56	5559.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
5800.00	0.00	213.56	5659.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
5900.00	0.00	213.56	5759.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
6000.00	0.00	213.56	5859.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
6100.00	0.00	213.56	5959.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
6200.00	0.00	213.56	6059.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
6300.00	0.00	213.56	6159.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
6400.00	0.00	213.56	6259.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
6500.00	0.00	213.56	6359.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
6510.61	0.00	213.56	6370.00	-815.26	-540.93	978.39	0.00	0.00	0.00	Uteland Buttes
6600.00	0.00	213.56	6459.39	-815.26	-540.93	978.39	0.00	0.00	0.00	

CONFIDENTIAL



Ryan Energy Technologies Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: HCU 16-31F
Well: HCU 16-31F
Wellpath: 1

Date: 12/16/2005 Time: 11:08:31
Co-ordinate(NE) Reference: HCU 16-31F, True North
Vertical (TVD) Reference: est.KB @ 5335' 0.0
Section (VS) Reference: Site (0.00N,0.00E,213.56Azi)
Plan: Plan #1

Page: 5

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6700.00	0.00	213.56	6559.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
6800.00	0.00	213.56	6659.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
6900.00	0.00	213.56	6759.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
7000.00	0.00	213.56	6859.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
7100.00	0.00	213.56	6959.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
7200.00	0.00	213.56	7059.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
7285.61	0.00	213.56	7145.00	-815.26	-540.93	978.39	0.00	0.00	0.00	Mesaverde
7300.00	0.00	213.56	7159.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
7400.00	0.00	213.56	7259.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
7500.00	0.00	213.56	7359.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
7600.00	0.00	213.56	7459.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
7700.00	0.00	213.56	7559.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
7800.00	0.00	213.56	7659.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
7900.00	0.00	213.56	7759.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
8000.00	0.00	213.56	7859.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
8100.00	0.00	213.56	7959.39	-815.26	-540.93	978.39	0.00	0.00	0.00	
8190.61	0.00	213.56	8050.00	-815.26	-540.93	978.39	0.00	0.00	0.00	BHL (Proposed)

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
3911.68	3775.00	Wasatch Tongue		0.00	0.00
4260.50	4120.00	Uteland Limestone		0.00	0.00
4410.61	4270.00	Wasatch		0.00	0.00
5310.61	5170.00	Chapita Wells		0.00	0.00
6510.61	6370.00	Uteland Buttes		0.00	0.00
7285.61	7145.00	Mesaverde		0.00	0.00

Annotation

MD ft	TVD ft	
550.00	550.00	KOP
8190.61	8050.00	BHL (Proposed)

CONFIDENTIAL

SURFACE USE PLAN

CONDITIONS OF APPROVAL

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: HCU 16-31F
SHL: 1485' FSL & 123' FEL Section 31-10S-20E
BHL: 660' FSL & 660' FEL Section 31-10S-20E
Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The Tribal onsite inspection for the referenced well was conducted on Wednesday, November 9, 2005, at approximately 12:10 pm. In attendance at the onsite inspection were the following individuals:

Dustin Nephi	Technician	Ute Indian Tribe – Energy & Minerals
Nicole Mortensen	Environmental Protection Spec.	Uintah & Ouray Agency – BIA
Karl Wright	Nat. Res. Prot. Spec.	Bureau of Land Management – Vernal
Brandon McDonald	Wildlife Biologist	Bureau of Land Management – Vernal
Ken Secrest	Field Foreman	Dominion E & P, Inc.
David Weston	Engineer	Uintah Engineering & Land Surveying
Erik LaRose	Foreman	LaRose Construction
Randy Jackson	Foreman	Jackson Construction
Don Hamilton	Agent	Buys & Associates, Inc.

1. **Existing Roads:**

- a. The proposed well site is located approximately 13.02 miles south of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Hill Creek Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to any State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal right-of-way is not anticipated for the access road or utility corridor since both are located within the existing Hill Creek Unit boundary.

- h. A tribal right-of-way has been submitted for the wellsite, access and pipeline disturbances on Ute Indian Tribe surface.

2. Planned Access Roads:

- a. From the proposed HCU 9-31F and 10-31F access road an access is proposed trending east approximately 0.5 miles to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages.
- b. A road design plan is not anticipated at this time.
- c. The proposed access road will consist of a 24' travel surface within a 30' disturbed area across tribal lands.
- d. BLM approval to construct and utilize the proposed access road is requested with this application.
- e. A maximum grade of 10% will be maintained throughout the project with minor cuts and fills required to access the well.
- f. No turnouts are proposed since the access road is only 0.5 miles long and adequate site distance exists in all directions.
- g. One low water crossings and no culverts are anticipated. Adequate drainage structures will be incorporated into the road.
- h. No surfacing material will come from federal or Indian lands.
- i. No gates or cattle guards are anticipated at this time.
- j. Surface disturbance and vehicular travel will be limited to the approved location access road.
- k. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- l. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown or Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.

- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the southwest side of the well site and traverse 2,753' west to the existing pipeline corridor that services the HCU 9-31F and HCU 10-31F. The pipeline crosses entirely tribal surface.
- i. The new gas pipeline will be a 6" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 2,753' is associated with this well.
- j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.

- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the northwest side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the west.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors and the Ute Indian Tribe will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
 - a. All equipment and debris will be removed from the area proposed for interim

reclamation and the pit area will be backfilled and re-contoured.

- b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:
 - 1. Crested Wheat Grass (4 lbs / acre)
 - 2. Needle and Thread Grass (4 lbs / acre)
 - 3. Rice Grass (4 lbs / acre)
- c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On Ute Indian Tribe administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the Ute Indian Tribe. The Ute Indian Tribe recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Ute Indian Tribe under the management of the Bureau of Indian Affairs – Uintah and Ouray Agency, P.O. Box 130, 988 South 7500 East, Ft. Duchesne, Utah 84026; 435-722-4300.
- b. Mineral Ownership – Ute Indian Tribe under the management of the Bureau of Indian Affairs – Uintah and Ouray Agency, P.O. Box 130, 988 South 7500 East, Ft. Duchesne, Utah 84026; 435-722-4300.

12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Our understanding of the results of the onsite inspection are:
 - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
 - b. No drainage crossings that require additional State or Federal approval are being crossed.
 - c. **Corner B will be rounded to avoid excessive fill.**
 - d. **The stockpile will be moved towards corner A.**

13. Operator's Representative and Certification

<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

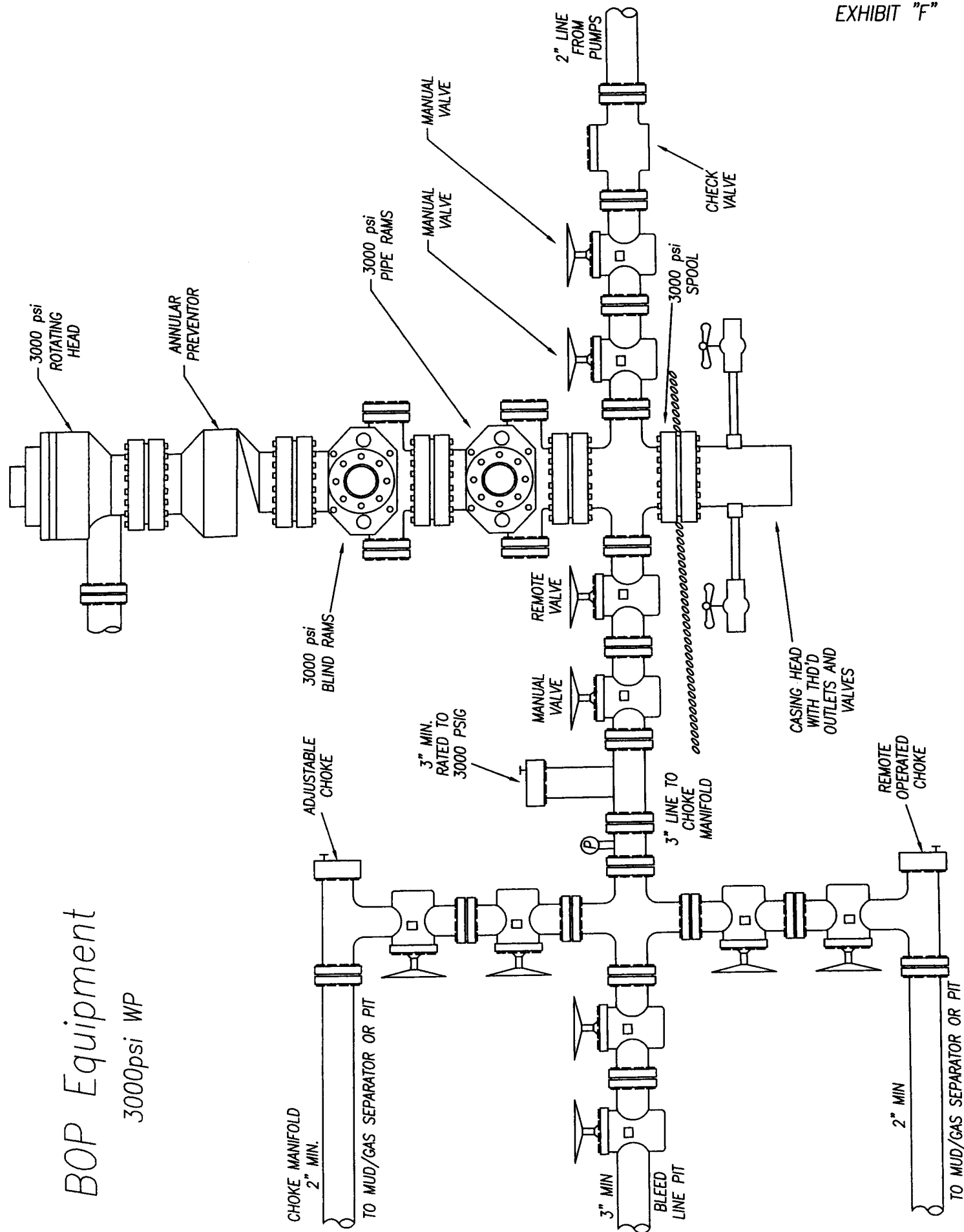
Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

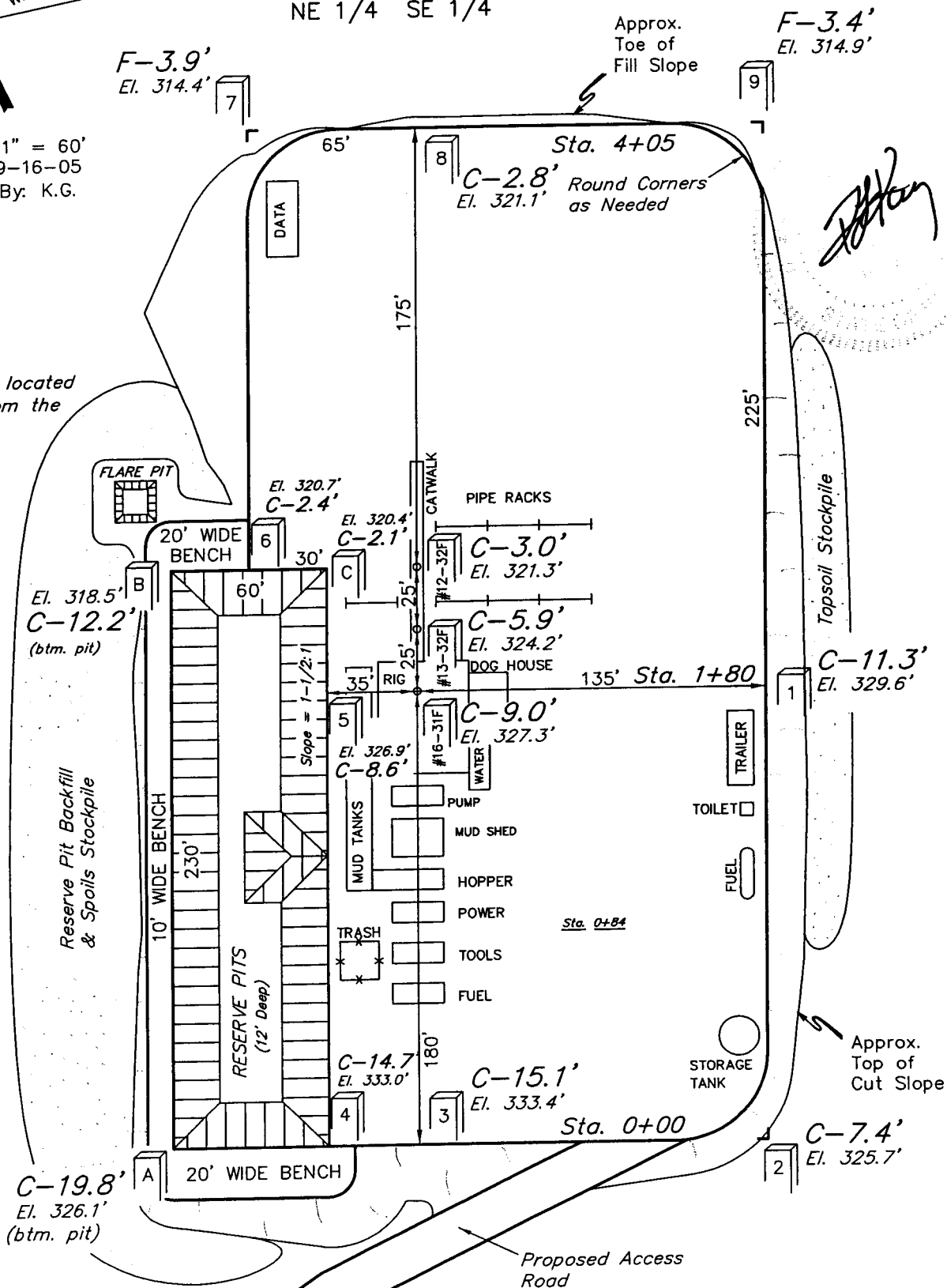
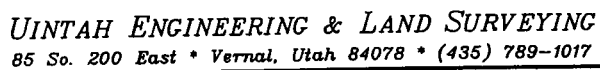
Signature: Don Hamilton Date: 8-4-2006

BOP Equipment

3000psi WP



NE 1/4 SE 1/4



DOMINION EXPLR. & PROD., INC.

TYPICAL CROSS SECTIONS FOR

HCU #16-31F, #13-32F & #12-32F

SECTION 31, T10S, R20E, S.L.B.&M.

NE 1/4 SE 1/4

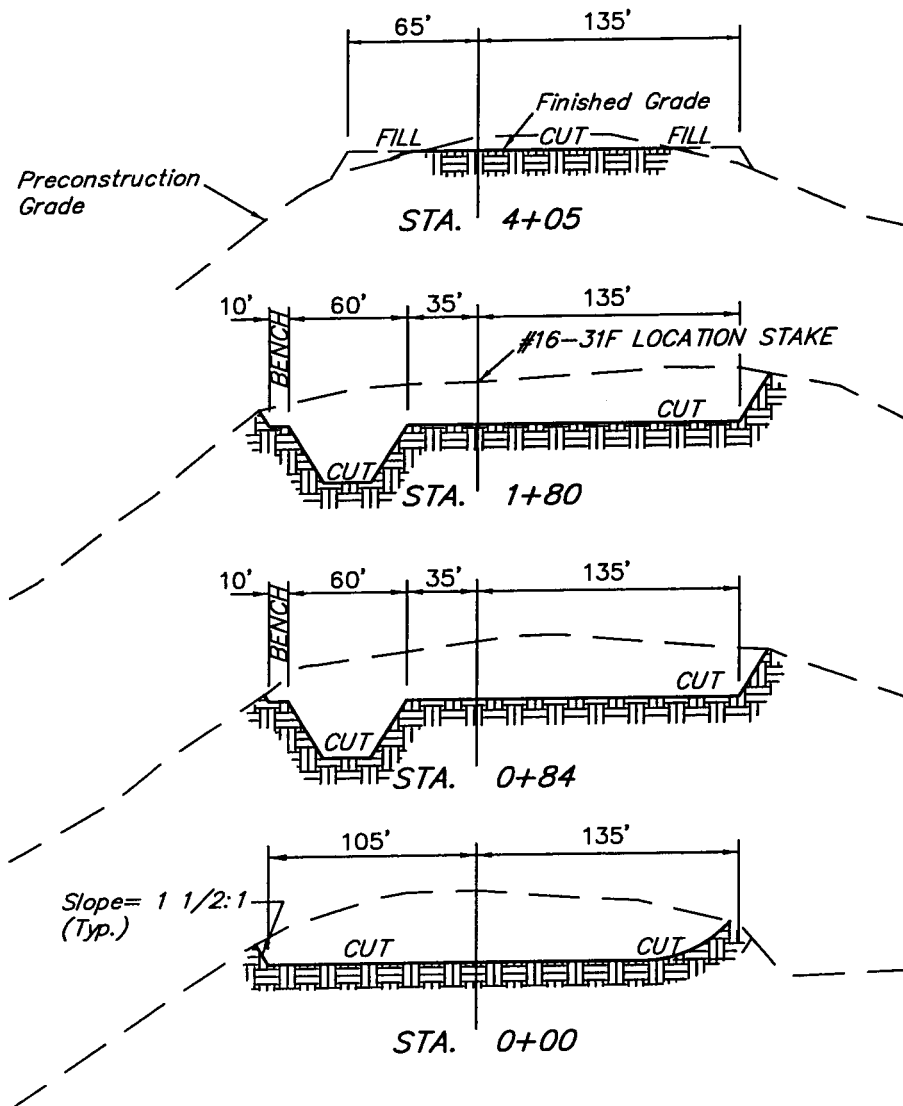
1" = 40'

X-Section
Scale

1" = 100'

DATE: 9-16-05

Drawn By: K.G.



APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 4,100 Cu. Yds.
Remaining Location	= 28,050 Cu. Yds.
TOTAL CUT	= 32,150 CU.YDS.
FILL	= 3,540 CU.YDS.

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

EXCESS MATERIAL	= 28,610 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 6,050 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 22,560 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

DOMINION EXPLR. & PROD., INC.

HCU #16-31F, 13-32F, & 12-32F

LOCATED IN UINTAH COUNTY, UTAH

SECTION 31, T10S, R20E, S.L.B.&M.

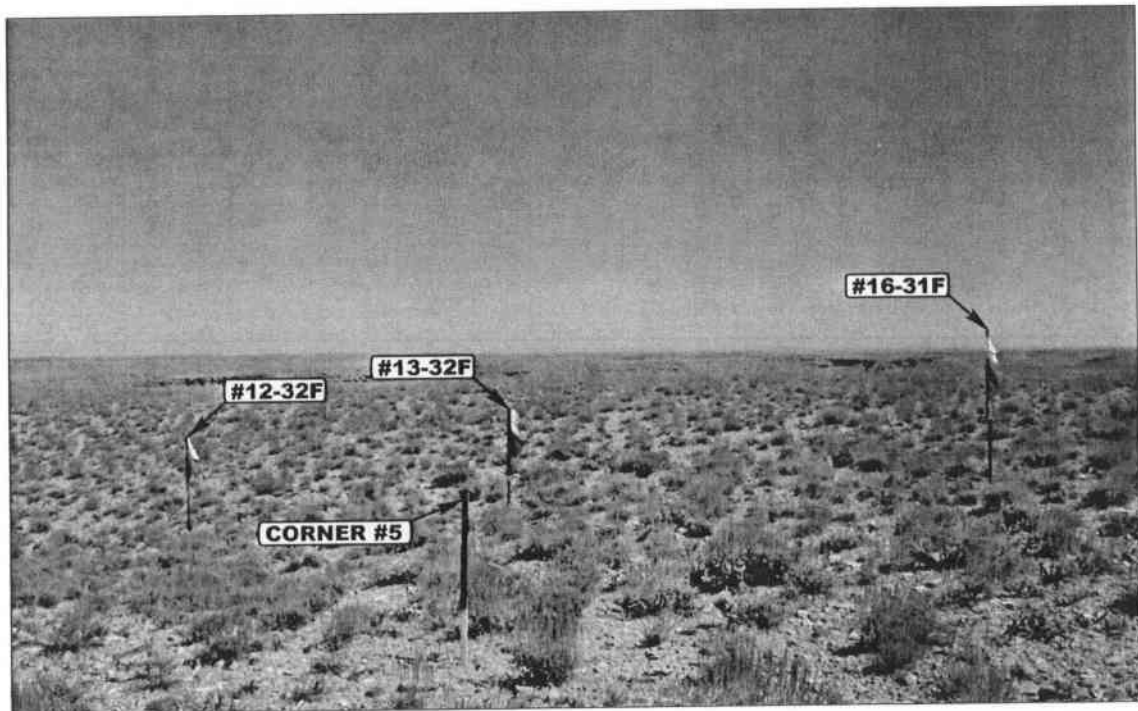


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

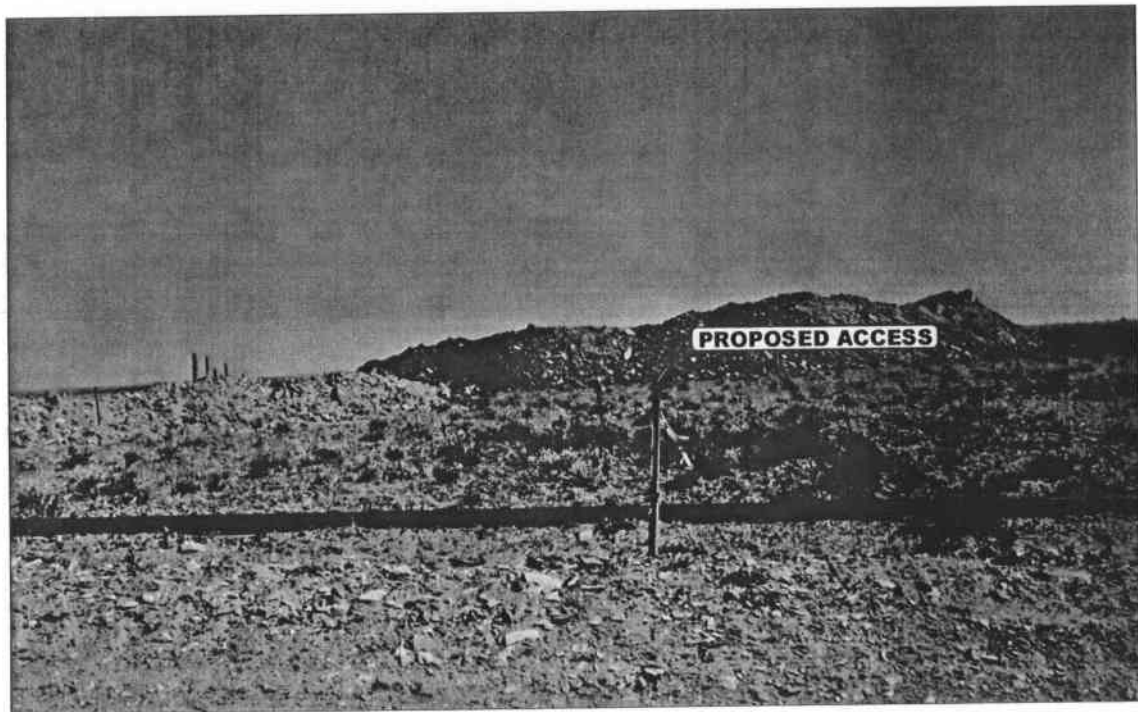


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



Since 1964

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

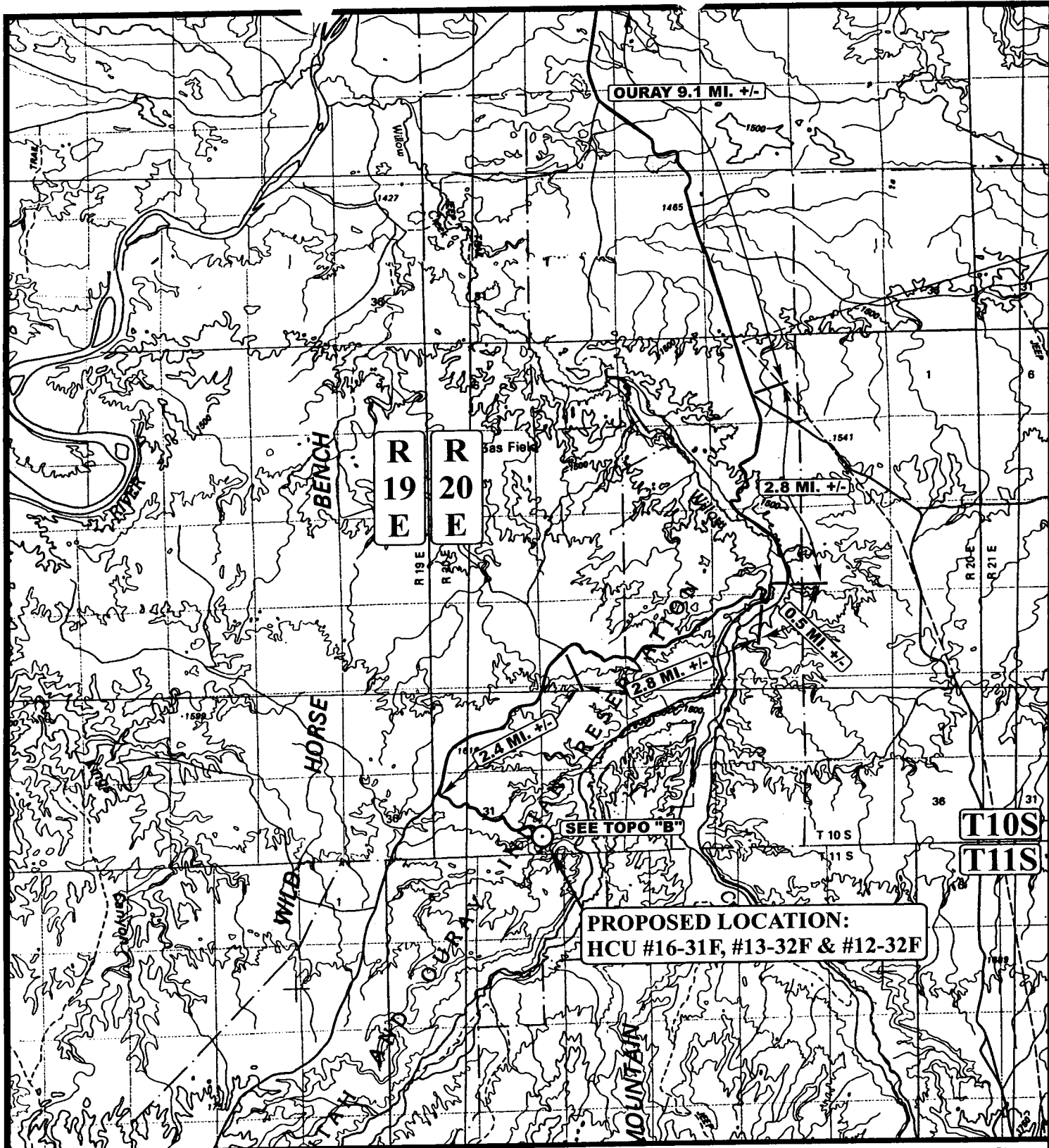
09 01 05
MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: C.H.

REVISED: 00-00-00



LEGEND:

⊙ PROPOSED LOCATION

DOMINION EXPLR. & PROD., INC.

HCU #16-31F, #13-32F & #12-32F
SECTION 31, T10S, R20E, S.L.B.&M.
NE 1/4 SE 1/4



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

09 01 05
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.H. REVISED: 00-00-00





LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- PROPOSED ROAD REROUTE

DOMINION EXPLR. & PROD., INC.

HCU #16-31F, #13-32F & #12-32F
SECTION 31, T10S, R20E, S.L.B.&M.
NE 1/4 SE 1/4

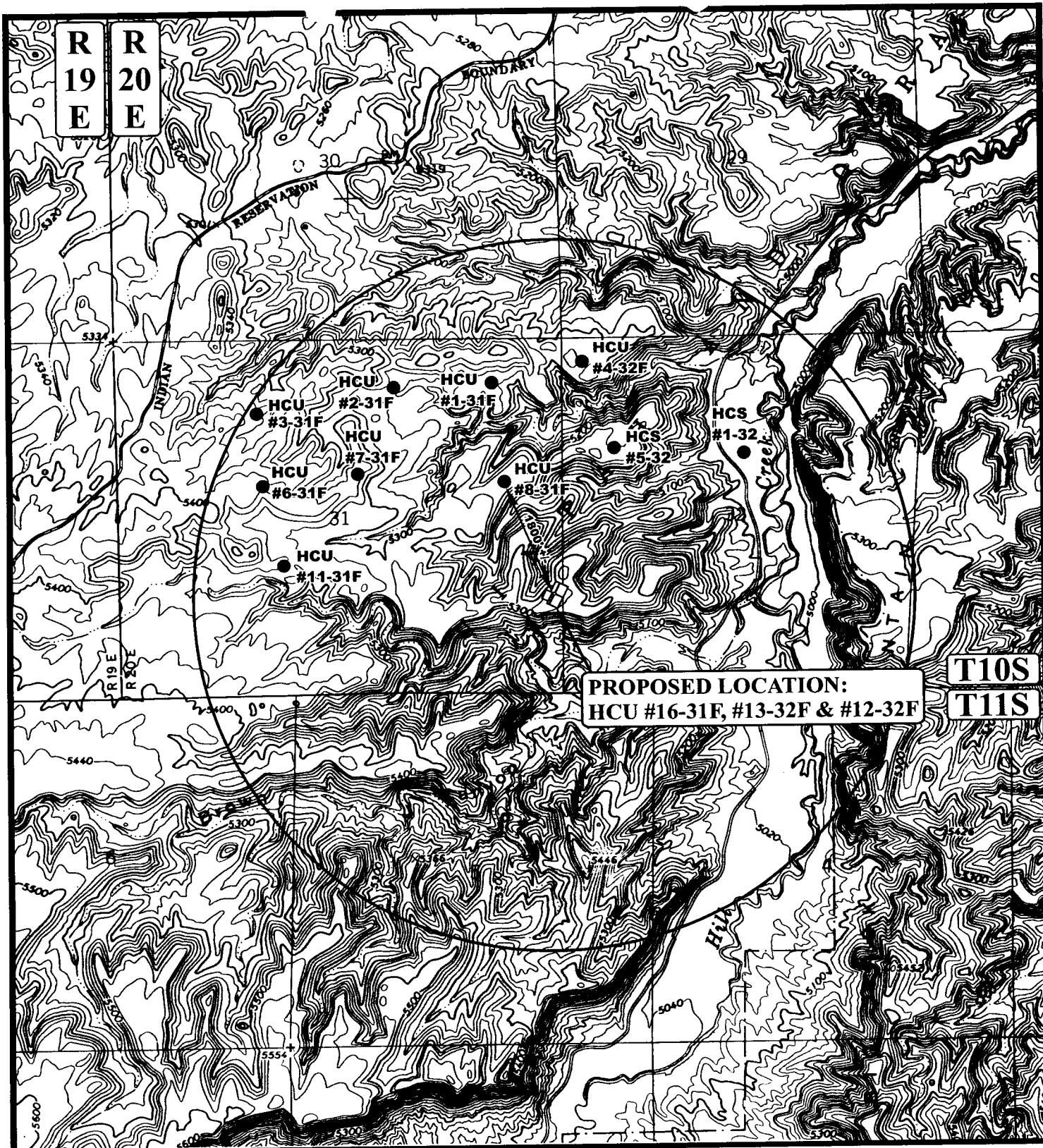
U&LS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

09 01 05
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.H. REVISED: 00-00-00

B
TOPO



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

DOMINION EXPLR. & PROD., INC.

HCU #16-31F, #13-32F & #12-32F
SECTION 31, T10S, R20E, S.L.B.&M.
NE 1/4 SE 1/4



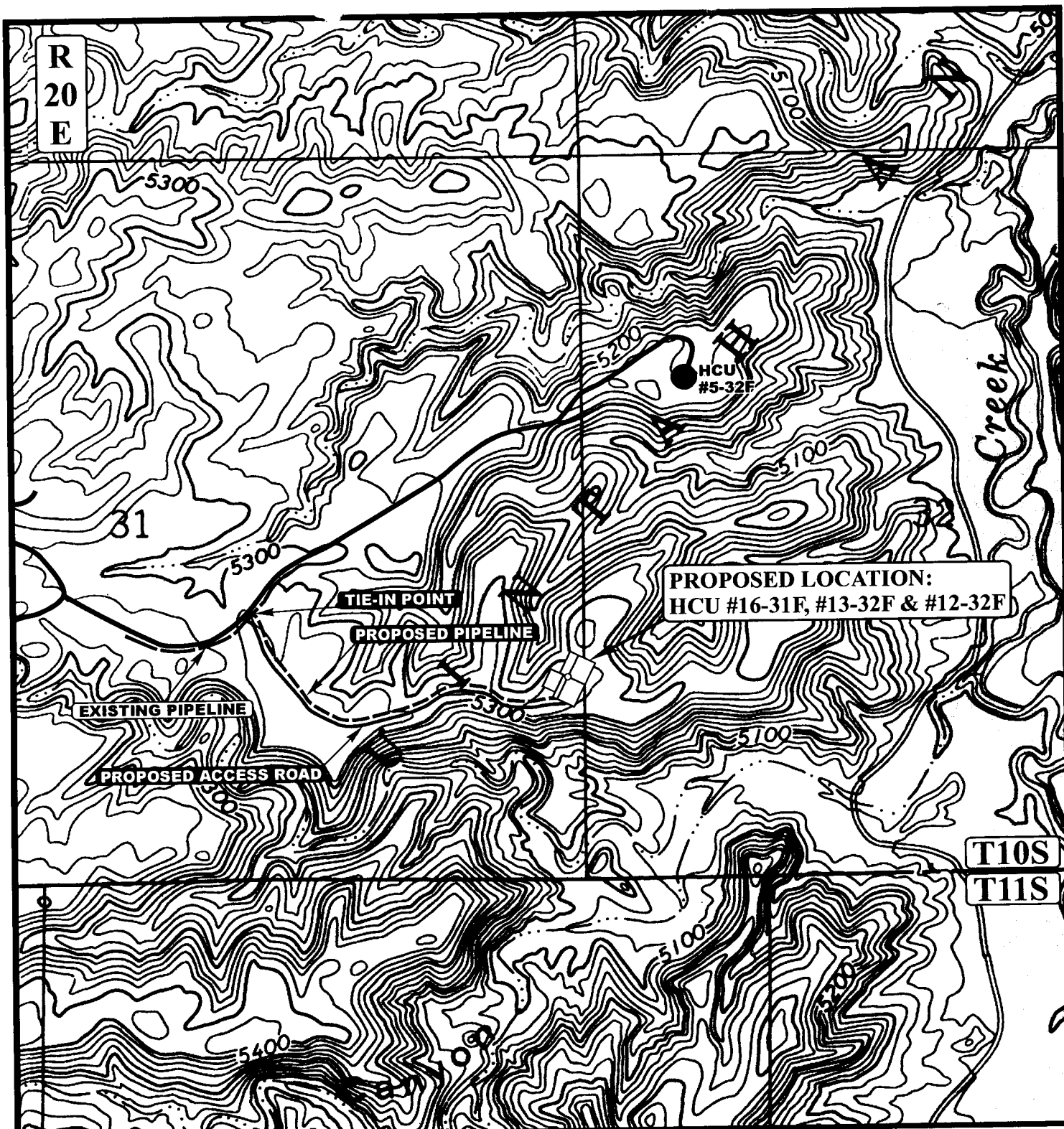
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

09 01 05
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.H. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 2753' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

N

DOMINION EXPLR. & PROD., INC.

HCU #16-31F, #13-32F & #12-32F
SECTION 31, T10S, R20E, S.L.B.&M.
NE 1/4 SE 1/4



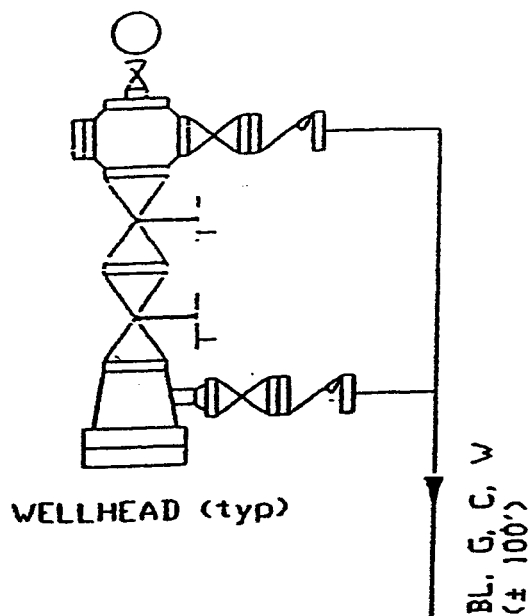
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

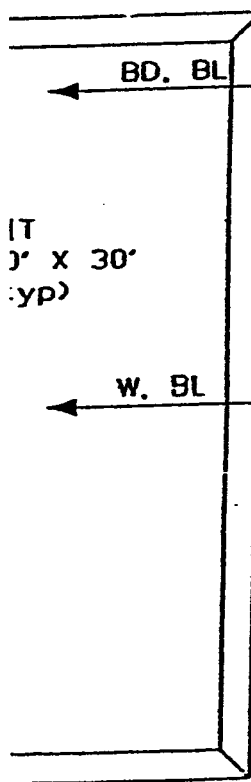
09 01 05
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.H. REVISED: 00-00-00

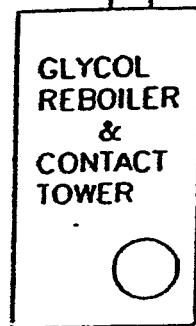
**D
TOPO**



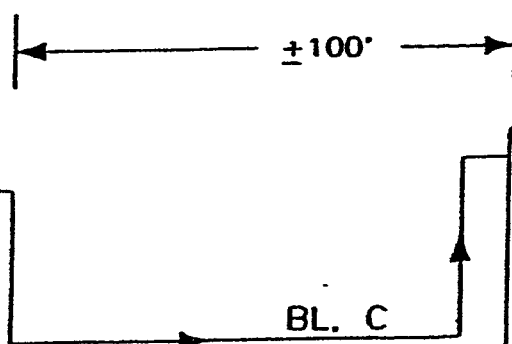
WELLHEAD (typ)



10' x 30' (typ)



GLYCOL REBOILER & CONTACT TOWER



300 bbl Tank (condensate)

LEGEND

- O = Oil Line
- G = Gas Line
- W = Water Line
- R = Relief Line (Pressure)
- C = Condensate Line
- V = Vent Line
- D = Drain Line
- M = Gas Meter
- P = Pump
- BP = Back Pressure Valve
- SWS = Sealed When Shipping
- SUS = Sealed Unless Shipping
- T = Heat Traced Line
- H = Heater
- BL = Buried Line
- = Valve
- = Check Valve
- SC = Sealed Closed Valve
- NC = Normally Closed
- BD = Blowdown Line

The site security plan is on file in DEPI's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/07/2006

API NO. ASSIGNED: 43-047-38450

WELL NAME: HCU 16-31F

OPERATOR: DOMINION EXPL & PROD (N1095)

CONTACT: DON HAMILTON

PHONE NUMBER: 405-749-5263

PROPOSED LOCATION:

NESE 31 100S 200E

SURFACE: 1485 FSL 0123 FEL

BOTTOM: 0660 FSL 0660 FEL

COUNTY: UINTAH

LATITUDE: 39.90044 LONGITUDE: -109.6977

UTM SURF EASTINGS: 611330 NORTHINGS: 4417308

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-30693

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WY 3322)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit
(No. 43-10447)

☒ RDCC Review (Y/N)
(Date:)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: HILL CREEK

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 197-11

Eff Date: 8-17-2007

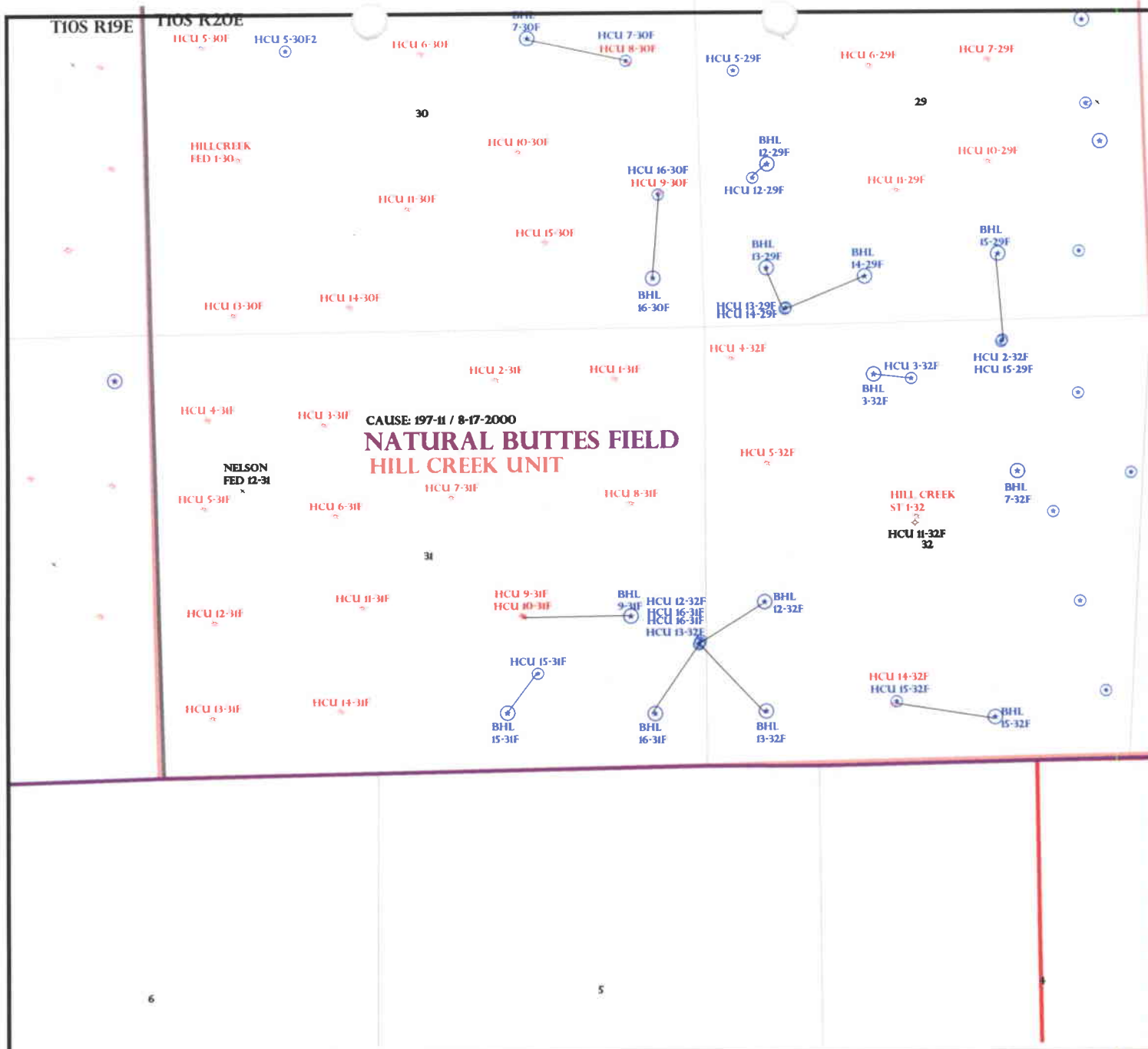
Siting: Surrender General Siting

☒ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal Approval
2- OIL SHALE



OPERATOR: DOMINION EXPL & PROD (N1095)

SEC: 31 T.10S R. 20E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 197-11 / 8-17-2000

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
 DATE: 16-AUGUST-2006



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

August 21, 2006

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

Re: Hill Creek Unit 16-31F Well, Surface Location 1485' FSL, 123' FEL, NE SE,
Sec. 31, T. 10 South, R. 20 East, Bottom Location 660' FSL, 660' FEL, SE SE,
Sec. 31, T. 10 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38450.

Sincerely,


for Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Dominion Exploration & Production, Inc.
Well Name & Number Hill Creek Unit 16-31F
API Number: 43-047-38450
Lease: U-30693

Surface Location: NE SE **Sec.** 31 **T.** 10 South **R.** 20 East
Bottom Location: SE SE **Sec.** 31 **T.** 10 South **R.** 20 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-30693

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
N/A

7. UNIT or CA AGREEMENT NAME:
Hill Creek Unit

8. WELL NAME and NUMBER:
HCU 16-31F

9. API NUMBER:
4304738450

10. FIELD AND POOL, OR WILDCAT:
Natural Buttes

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
Dominion Exploration & Production, Inc.

3. ADDRESS OF OPERATOR: P.O. Box 1360 CITY Roosevelt STATE UT ZIP 84066 PHONE NUMBER: (435) 722-4521

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1,485' FSL & 123' FEL COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 31 10S 20E S STATE: UTAH

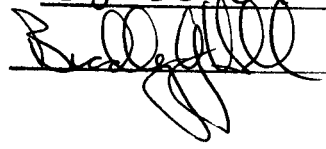
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Permit Extension
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Dominion Exploration & Production, Inc. hereby requests a one year extension of the state permit for the referenced well
This is the first extension that has been requested.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 08-20-07
By: 

NAME (PLEASE PRINT) Don Hamilton

TITLE Agent for Dominion Exploration & Production, Inc.

SIGNATURE Don Hamilton

DATE 8/16/2007

(This space for State use only)

(5/2000)

(See Instructions on Reverse Side)

RECEIVED

AUG 20 2007

DIV OF OIL, GAS & MINING

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304738450
Well Name: HCU 16-31F
Location: NE SE 31 10S-20E 1,485' FSL & 123' FEL
Company Permit Issued to: DOMINION EXPL & PROD INC
Date Original Permit Issued: 8/21/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Don Hamilton
Signature

8/16/2007
Date

Title: Agent

Representing: DOMINION EXPL & PROD INC

RECEIVED

AUG 20 2007

DEPT OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

7/1/2007

FROM: (Old Operator):

N1095-Dominion Exploration & Production, Inc
 14000 Quail Springs Parkway, Suite 600
 Oklahoma City, OK 73134

Phone: 1 (405) 749-1300

TO: (New Operator):

N2615-XTO Energy Inc
 810 Houston St
 Fort Worth, TX 76102

Phone: 1 (817) 870-2800

CA No.

Unit:

HILL CREEK

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: _____
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: _____
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000138
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
- b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N 2615</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		8. WELL NAME and NUMBER: SEE ATTACHED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: SEE ATTACHED
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

N 1095

James D. Abercrombie
James D. Abercrombie
Sr. Vice President, General Manager - Western Business Unit
(405) 749-1300

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) Edwin S. Ryan, Jr. TITLE Sr. Vice President - Land Administration
SIGNATURE *Edwin S. Ryan, Jr.* DATE 7/31/2007

(This space for State use only)

APPROVED *9127107*
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

RECEIVED
AUG 06 2007
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	SEE ATTACHED LIST
API number:	
Location:	Qtr-Qtr: Section: Township: Range
Company that filed original application:	DOMINION E&P
Date original permit was issued:	
Company that permit was issued to:	DOMINION E&P

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		✓
If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. <u>104312762</u>	✓	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) HOLLY C. PERKINS Title REGULATORY COMPLIANCE TECH
Signature *Holly C. Perkins* Date 08/27/2007
Representing (company name) XTO ENERGY INC.

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

AUG 30 2007

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304735938	HCU 15-29F	NENW	32	100S	200E	U-28203		Federal	GW	APD
4304736047	HCU 15-31F	SWSE	31	100S	200E	U-30693		Federal	GW	APD
4304737361	HCU 2-28F	NWNE	28	100S	200E	U-28203		Federal	OW	APD
4304737444	HCU 15-33F	SWSE	33	100S	200E	14-20-H62-4782		Indian	OW	APD
4304738450	HCU 16-31F	NESE	31	100S	200E	U-30693		Federal	GW	APD
4304739611	HCU 12-29F	NWSW	29	100S	200E	U-28203		Federal	OW	NEW
4304737359	HCU 2-32F	NWNE	32	100S	200E	ML-22313-2		State	GW	APD
4304737422	HCU 15-32F	SESW	32	100S	200E	ML-22313-2		State	GW	APD
4304739063	HCU 10-32F	SENW	32	100S	200E	ML-22313-2		State	GW	APD



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3180
UT-922

Dominion Exploration & Production, Inc.
Attn: James D. Abercrombie
14000 Quail Springs Parkway, #600
Oklahoma City, OK 73134-2600

August 10, 2007

Re: Hill Creek Unit
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the Hill Creek Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Hill Creek Unit Agreement.

Your statewide oil and gas Bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED

AUG 16 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-30693
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Hill Creek Unit
2. NAME OF OPERATOR: XTO Energy, Inc.		8. WELL NAME and NUMBER: HCU 16-31F
3. ADDRESS OF OPERATOR: P.O. Box 1360 CITY Roosevelt STATE UT ZIP 84066		9. API NUMBER: 4304738450
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,485' FSL & 123' FEL		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
QTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 31 10S 20E S		COUNTY: Uintah
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Permit Extension
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy, Inc. hereby requests a one year extension of the state permit for the referenced well

This is the second extension that has been requested.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 07-21-08
By: [Signature]

NAME (PLEASE PRINT) Kendell Johnson	TITLE Agent for XTO Energy, Inc.
SIGNATURE <u>[Signature]</u>	DATE 7/21/2008

(This space for State use only)

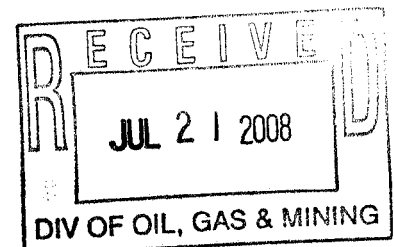
COPY SENT TO OPERATOR

(5/2000)

Date: 7.23.2008

(See Instructions on Reverse Side)

Initials: KS



**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304738450
Well Name: HCU 16-31F
Location: NE SE 31 10S-20E 1,485' FSL & 123' FEL
Company Permit Issued to: XTO Energy, Inc.
Date Original Permit Issued: 8/21/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

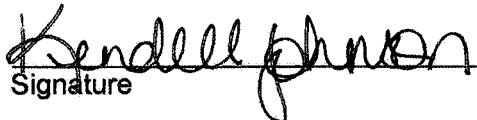
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

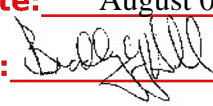

Signature

7/21/2008

Date

Title: Agent

Representing: XTO Energy, Inc.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-30693			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE			
2. NAME OF OPERATOR: XTO ENERGY INC		7. UNIT or CA AGREEMENT NAME: HILL CREEK			
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410		8. WELL NAME and NUMBER: HCU 16-31F			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1485 FSL 0123 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 31 Township: 10.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047384500000			
PHONE NUMBER: 505 333-3159 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: UINTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/21/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____ </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO hereby requests a one year extension of the State Permit for the referenced well.					
Approved by the Utah Division of Oil, Gas and Mining					
Date: August 04, 2009					
By: 					
NAME (PLEASE PRINT) Eden Fine	PHONE NUMBER 505 333-3664	TITLE Permitting Clerk			
SIGNATURE N/A	DATE 7/31/2009				

RECEIVED July 31, 2009



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047384500000

API: 43047384500000

Well Name: HCU 16-31F

Location: 1485 FSL 0123 FEL QTR NESE SEC 31 TWNP 100S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 8/21/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Eden Fine

Date: 7/31/2009

Title: Permitting Clerk **Representing:** XTO ENERGY INC

Date: August 04, 2009

By:

RECEIVED July 31, 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-30693
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: XTO ENERGY INC		7. UNIT or CA AGREEMENT NAME: HILL CREEK
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410		8. WELL NAME and NUMBER: HCU 16-31F
PHONE NUMBER: 505 333-3159 Ext		9. API NUMBER: 43047384500000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1485 FSL 0123 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 31 Township: 10.0S Range: 20.0E Meridian: S		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/21/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 XTO hereby requests a one year extension on the State permit for the referenced well.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: August 23, 2010

By:

NAME (PLEASE PRINT) Eden Fine	PHONE NUMBER 505 333-3664	TITLE Permitting Clerk
SIGNATURE N/A		DATE 8/23/2010



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047384500000

API: 43047384500000

Well Name: HCU 16-31F

Location: 1485 FSL 0123 FEL QTR NESE SEC 31 TWNP 100S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 8/21/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Eden Fine

Date: 8/23/2010

Title: Permitting Clerk **Representing:** XTO ENERGY INC

Date: August 23, 2010

By: 

RECEIVED August 23, 2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-30693
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: XTO ENERGY INC		7. UNIT or CA AGREEMENT NAME: HILL CREEK
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410		8. WELL NAME and NUMBER: HCU 16-31F
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1485 FSL 0123 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 31 Township: 10.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047384500000
9. FIELD and POOL or WILDCAT: NATURAL BUTTES		COUNTY: UINTAH
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/8/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy hereby requests a one (1) year extension of the State APD for the referenced well.		
Approved by the Utah Division of Oil, Gas and Mining Date: 08/09/2011 By:		
NAME (PLEASE PRINT) Krista Wilson		PHONE NUMBER 505 333-3647
SIGNATURE N/A		TITLE Permitting Tech
DATE 8/8/2011		



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047384500000

API: 43047384500000

Well Name: HCU 16-31F

Location: 1485 FSL 0123 FEL QTR NESE SEC 31 TWNP 100S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 8/21/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Krista Wilson

Date: 8/8/2011

Title: Permitting Tech **Representing:** XTO ENERGY INC

RECEIVED Aug. 08, 2011

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: U-30693
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: XTO ENERGY INC	7. UNIT or CA AGREEMENT NAME: HILL CREEK
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410	8. WELL NAME and NUMBER: HCU 16-31F
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1485 FSL 0123 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 31 Township: 10.0S Range: 20.0E Meridian: S	9. API NUMBER: 43047384500000
PHONE NUMBER: 505 333-3145 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH	STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/31/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy requests a one (1) year extension of the State APD for the referenced well.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: August 28, 2012

By:

NAME (PLEASE PRINT) Richard L. Redus	PHONE NUMBER 303 397-3712	TITLE Regulatory
SIGNATURE N/A	DATE 8/10/2012	

RECEIVED: Aug. 10, 2012



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047384500000

API: 43047384500000

Well Name: HCU 16-31F

Location: 1485 FSL 0123 FEL QTR NESE SEC 31 TWP 100S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 8/21/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Richard L. Redus

Date: 8/10/2012

Title: Regulatory

Representing: XTO ENERGY INC

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-30693
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: HILL CREEK
2. NAME OF OPERATOR: XTO ENERGY INC		8. WELL NAME and NUMBER: HCU 16-31F
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155		9. API NUMBER: 43047384500000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1485 FSL 0123 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 31 Township: 10.0S Range: 20.0E Meridian: S		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/15/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy requests a one (1) year extension of the State APD for the referenced well.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: August 21, 2013

By: 

NAME (PLEASE PRINT) Richard L. Redus	PHONE NUMBER 303 397-3712	TITLE Regulatory
SIGNATURE N/A		DATE 8/19/2013



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047384500000

API: 43047384500000

Well Name: HCU 16-31F

Location: 1485 FSL 0123 FEL QTR NESE SEC 31 TWP 100S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 8/21/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Richard L. Redus

Date: 8/19/2013

Title: Regulatory

Representing: XTO ENERGY INC

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-30693
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: XTO ENERGY INC		7. UNIT or CA AGREEMENT NAME: HILL CREEK
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155		8. WELL NAME and NUMBER: HCU 16-31F
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1485 FSL 0123 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 31 Township: 10.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047384500000
9. FIELD and POOL or WILDCAT: NATURAL BUTTES		COUNTY: UINTAH
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/16/2015	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 XTO Energy requests a one (1) year extension of the State APD for the referenced well.

Approved by the
Utah Division of
Oil, Gas and Mining
June 17, 2014

Date: _____

By:

NAME (PLEASE PRINT) Malia Villers	PHONE NUMBER 303 397-3670	TITLE Lead Permitting Analyst
SIGNATURE N/A	DATE 6/17/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047384500000

API: 43047384500000

Well Name: HCU 16-31F

Location: 1485 FSL 0123 FEL QTR NESE SEC 31 TWP 100S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 8/21/2006

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Signature: Malia Villers

Date: 6/17/2014

Title: Lead Permitting Analyst Representing: XTO ENERGY INC